

WHAT IS CLAIMED IS:

1. A data logging system for sports, comprising:  
a data logging and processing first module for collecting, storing and analyzing  
5 data related to a sport, said first module being configured in a portable and compact unit;  
a plurality of sensors connected to said first module for measuring predetermined variables related to the sport and providing data representing the variables to said first module;
- 10 a data communication second module for entry of data;  
a personal computer selectively connected to said first module and said second module and running software that collects, stores and analyzes the data from to said first module and said second module and reports results to a user; and
- 15 an Internet web site providing access to said personal computer for receiving information from said personal computer related to the data and for providing to said personal computer other information related to the sport.

  

2. The system according to claim 1 including a hub for releasably docking said  
20 first module and connecting said first module to said sensors.

  

3. The system according to claim 1 wherein said sensors include at least one of a sonar unit, a water probe and a weather station.

  

- 25 4. The system according to claim 3 wherein said sonar unit includes an ultrasonic transducer.

  

5. The system according to claim 3 wherein said water probe includes at least one of a pressure sensor, a temperature sensor, a solar sensor and an alkalinity sensor.

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6. The system according to claim 3 wherein said weather station includes at least one of a solar sensor, a pressure sensor, a temperature sensor, a humidity sensor, a wind velocity/direction sensor and a heading/direction sensor.

5        7. The system according to claim 1 wherein said second module is a handheld unit having a keyboard for entering the data and a display for viewing the data.

8. The system according to claim 1 wherein said second module is a data entry panel having a touch screen for entering the data and for viewing the data.

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9. The system according to claim 1 wherein said second module is a wireless data recorder having a microphone for entering the data.

15        10. A data logging system for providing virtual guide fishing information, comprising:

a plurality of data logging and processing first modules for collecting, storing and analyzing data related to fishing, each said first module being configured in a portable and compact unit;

20        a plurality of sensors associated with and connected to each said first module for measuring predetermined variables related to fishing and providing data representing the variables to said first module;

a plurality of data communication second modules for manual entry of data; an Internet web site providing access to said first and second modules through personal computers of users for receiving information from said first and second modules related to the fishing data and for providing to the users through the personal computers virtual guide information related to fishing.

25        11. The system according to claim 10 including a hub for releasably docking one of said first modules and connecting said first module to said associated sensors.

12. The system according to claim 10 wherein said sensors include a sonar unit having an ultrasonic transducer.

13. The system according to claim 10 wherein said sensors include a water probe 5 having at least one of a pressure sensor, a temperature sensor, a solar sensor and an alkalinity sensor.

14. The system according to claim 10 wherein said sensors include a weather station having at least one of a solar sensor, a pressure sensor, a temperature sensor, a 10 humidity sensor, a wind velocity/direction sensor and a heading/direction sensor.

15. The system according to claim 10 wherein at least one of said second modules is a handheld unit having a keyboard for entering the data and a display for viewing the data.

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16. The system according to claim 10 wherein at least one of said second modules is a data entry panel having a touch screen for entering the data and for viewing the data.

17. The system according to claim 10 wherein at least one of said second modules 20 is a wireless data recorder having a microphone for entering the data.

18. A data logging system for fishing information, comprising:  
a data logging and processing first module for collecting, storing and analyzing  
data related to fishing;  
25 a plurality of sensors connected to said module for measuring predetermined  
variables related to fishing experiences and providing data representing  
the variables to said first module;  
a data communication second module for entry of data related to fishing  
experiences;  
30 a personal computer selectively connected to said first module and said second  
module and running software that collects, stores and analyzes the data

from to said first module and said second module and reports results to a user; and

an Internet web site providing access to said personal computer for receiving information from said personal computer related to the data and for providing to said personal computer other information related to fishing.

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19. The system according to claim 18 wherein said Internet web site provides fishing excursion plans identifying potential bodies of water which hold promise and including associated fishing data obtained from said first and second modules.

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20. The system according to claim 19 wherein said Internet web site identifies as the other information at least one of providers of food, lodging, gas, licenses and bait and tackle in an area surrounding one of the potential bodies of water.